



SHEET 1 OF 1

|   |   |                    |          |   |                               |              |                |                               |                             |
|---|---|--------------------|----------|---|-------------------------------|--------------|----------------|-------------------------------|-----------------------------|
| <b>FORM PTO - 1449</b><br><b>INFORMATION DISCLOSURE STATEMENT</b> |   |                    |          | ATTORNEY DOCKET NO.: FJN-077<br>APPLICANT(S): Tani et al.<br>SERIAL NO.: 09/423,905<br>FILING DATE: 11-16-99      GROUP: 1643 |                               |              |                |                               |                             |
| <b>U.S. PATENT DOCUMENTS</b>                                      |   |                    |          |   |                               |              |                |                               |                             |
| EXAM.<br>INIT.  |   | DOCUMENT<br>NUMBER | DATE     | NAME  |                               | CLASS        | SUB<br>CLASS   | FILING DATE IF<br>APPROPRIATE |                             |
| PAO   | AA  | 5,587,359          | 12-24-96 | Higashio et al.   |                               | 514          | 12             |                               |                             |
|   |   |                    |          |   |                               |              |                |                               |                             |
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| <b>FOREIGN PATENT DOCUMENTS</b>                                   |   |                    |          |   |                               |              |                |                               |                             |
| EXAM.<br>INIT.  |   | DOCUMENT<br>NUMBER | DATE     | COUNTRY<br>CODE   | CLASS                         | SUB<br>CLASS | FILING<br>DATE | ABSTRACT<br>ONLY              | ENGLISH<br>LANG Y/N         |
| PAO   | BA  | WO 90/10651        | 9-20-90  | PCT   |                               |              | 3-9-90         |                               | <del>Y</del> N              |
| PAO   | BB  | 0 462 277 B1       | 12-27-91 | EP  |                               |              | 3-9-90         |                               | <del>Y</del> <del>Y/S</del> |
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|   |   |                    |          |   |                               |              |                |                               |                             |
| <b>OTHER ART, JOURNAL ARTICLES, ETC.</b>                          |   |                    |          |   |                               |              |                |                               |                             |
| EXAM.<br>INIT.  | <b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b> |                    |          |   |                               |              |                |                               |                             |
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| EXAMINER <i>PATRICIA ADURY</i>                                    |   |                    |          |   | DATE CONSIDERED <i>4/9/02</i> |              |                |                               |                             |

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